TABLE OF CONTENTS

JULY TO DECEMBER, 1983

Number 1, July 1983

Estrogen Receptors in Carcinoma of the Breast. A Comparison of the Dextran-coated Charcoal, Immunofluorescent, and Immunoperoxidase Technics. MICHAEL D. O'CONNELL AND JONATHAN W. SAID	1
Carcinomas of the Lung: An Ultrastructural and Immunocytochemical Study. SABIHA R. SABA, CARMEN G. ESPINOZA, ALAN	
V. RICHMAN, AND HENRY A. AZAR Lymphoid and Plasma Cell Malignancies: Asbestos-related Disorders of Long Latency. ELLIOTT KAGAN AND ROBERT J.	6
JACOBSON	14
Lymphocyte Subsets in Normal Human Lymphoid Tissues. SU-MING HSU, JEFFREY COSSMAN, AND ELAINE S. JAFFE Thalassemia Minor: Routine Erythrocyte Measurements and Differentiation from Iron Deficiency, CAGE S. JOHNSON, CON-	21
STANTINE TEGOS, AND ERNEST BEUTLER	31
A New Low Ionic Strength Test for Assessment of Pretransfusion Compatibility. Studies In Vitro and In Vivo. IRMA O. SZYMANSKI AND JITENDRA G. GANDHI	37
Detection of Platelet Antibodies Using the Platelet Migration Inhibition Assay. STEPHEN J. LEVINE AND DANIEL B. BRUBAKER	
A Predictive Value Model for Quality Control: Effects of the Prevalence of Errors on the Performance of Control Procedures. James O. Westgard and Torgny Groth	49
Brief Scientific Reports:	
Treatment of Varicella-Zoster Meningoencephalitis with Acyclovir—Demonstration of Virus in Cerebrospinal Fluid by Electron Microscopy. Russell W. Steele, Ronald E. Keeney, Robert W. Bradsher, Estelle B. Moses, and Bernard L. Soloff	57
Aspiration Does Not Influence Interpretation of Bone Marrow Biopsy Cellularity, STEVEN N. WOLFF, ANNA-LUISE KATZENSTEIN,	31
GORDON L. PHILLIPS, AND GEOFFREY P. HERZIG	60
Neutralization of Lewis Blood Group Antibodies by Synthetic Immunoadsorbents. Steven L. Spitalnik, Judith W. Cowles, Mary T. Cox, and Neil Blumberg	63
Case Reports:	
Reticulocytopenic, Coombs' Positive Anemia Induced by Procainamide. Ron B. Schifman, Harinder Garewal, and David Shillington	66
Sheep Erythrocyte Rosette Formation by B Chronic Lymphocytic Leukemia Cells as a Consequence of Monoclonal Surface Immunoglobulin with "Forssman-like" Antibody Activity. MICHAEL J. DEEGAN, HAJIME HAYASHI, AND MARIA A. SAWDYK	
Phagocytic, Lambda Light Chain, Plasma Cell Myeloma. Daniel P. Wirt, Thomas M. Grogan, Claire M. Payne, Thomas D. Kummet, Brian G. M. Durie, Paul R. Finley, and David Rollins	75
Diffuse Nonsecretory Osteosclerotic Myeloma with Extensive Erythrophagocytosis. Sundara Raman, Boy Frame, Sheikh M. Saeed, Kirit Tolia, Usha Raju, and Sambasiva Kottamasu	84
Pre-elastofibroma and Elastofibroma (The Continuum of Elastic-producing Fibrous Tumors). A Light and Ultrastructural Study. Barry Benisch, Bernard Peison, Eugene Marquet, and Harold J. Sobel	88
Nephrogenic Metaplasia of the Ureter. MIGUEL LUGO, ROBERT O. PETERSEN, I. BRUCE ELFENBEIN, BARRY S. STEIN, AND NAHUM J. DUKER	92
Cunninghamella: A Newly Recognized Cause of Rhinocerebral Mucormycosis. ROBERT O. BRENNAN, BARBARA J. CRAIN,	
ARDELL M. PROCTOR, AND DAVID T. DURACK Green Algal Infection in a Human. JERRY W. JONES, HARRY W. McFADDEN, FRANCIS W. CHANDLER, WILLIAM KAPLAN,	98
AND DANIEL H. CONNOR	
Vitamin B ₀ -dependent Streptococcus Mimicking Fungi in a Patient with Endocarditis. MARK A. DYKSTRA, STUART M. POLLY, CHRISTINE C. SANDERS, DOYLE E. CHASTAIN, AND W. EUGENE SANDERS, JR.	
Tinea Pedis Caused by Trichophyton violaceum. RAMON M. FUSARO, NORMAN G. MILLER, AND DIANNE KELLY	110
Abstracts of Papers and Poster Presentations, Scientific Sessions of the Fall Meeting of the American Society of Clinical Pathologists, October 16-22, 1982, Miami Beach, Florida	
In Memoriam:	
Benjamin Castleman, M.D. (1906-1982). ROBERT E. SCULLY	124
Melvin Oosting, M.D. (1909–1982). JAMES W. FUNKHOUSER	
Editorial:	
Appropriate Representation for Women on our Editorial Board, MYRTON F. BEELER AND WANDA T. BOLLETER	127

MΙ

One Man's Ratie is Another Man's Ratio. S. RAYMOND GAMBINO AND ROBERT S. GALEN 127 The Authorn' Reply. E. ARTHUR ROBERTSON AND MARK H. ZWEIG 128 Editor's Note (with thanks to Robert Sappenfield) 128 The ABCs of HPX. MARCO PRADELLA AND FRANCO ROCOLIN 128 The Author's Reply. MYRON S. COHEN, DENNIS W. ROSS, AND JAMES E. PEACOCK, JR. 129 Editor's Note 129 Erratum 129 News and Notices 129 News and Notices 130 Number 2, August 1983 The Evaluation of Human Lymph Nodes, Using Plastic Sections and Enzyme Histochemistry, Jay H. BECKSTEAD 131 Evidence to Suggest that the Human Fetal Spicers Is Not a Hematopoietic Organ. BARBARA C. WOLF, EDUARDO LUEVANO, AND RICHARD S. NEMAN 140 A Immunohistochemical Study of Hemoglobin A, Hemoglobin F, Muramidiase, and Transferrin in Erythroid Hyperplasia and Neoplasia. MARCO FORN, PAUL R. MEYER, NORMAN B. LEVY, ROBERT J. LUKES, AND CLIVE R. TAYLOR 145 Potential Errors in the Laboratory Diagnosis of Paroxysmal Noctumal Hemoglobinura. RICHARD C. HARRUFF AND ROBERT J. ROBIN A, CALE THIES, KERSTIN A. WEGGLE, AND LINDA L. MINNICH 150 Cardiac Isocenzyme Methodology and the Diagnosis of Acute Myocardial Infarction. DANIEL L. SECKINGER, D. ANTONIO VAZQUEZ, PHYLLIS K. ROSENTIAL, AND ROLANDO C. MENDIZARAI. Correlation of Standardized Serum Protein Determinations with Calculated and Measured Colloid Osmotic Pressure. RICHARD L. AND ROLANDO C. MENDIZARAI. Correlation of Standardized Serum Protein Determinations with Calculated and Measured Colloid Osmotic Pressure. RICHARD E. MULTINA, ALEXANDOSA C. APPERS, AND RICHARD H. G. REPART AND RICHARD H. C. REPART AND RICHARD H. C. REPART AND RICHARD H. C. REPART AND RICHARD H. REPART AND GENERAL REPART AND REPART AND RE	Letters to the Editor:	
Editor's Note (with thanks to Robert Sappenfield) The ABCs of HPX. MARCO PRADELLA AND FRANCO RIGOLIN 128 The Author's Roby. MYRON S. COHEN, DENNIS W. ROSS, AND JAMES E. PEACOCK, JR. 129 Editor's Note 129 Erratum 129 News and Notices 130 Number 2, August 1983 The Evaluation of Human Lymph Nodes, Using Plastic Sections and Enzyme Histochemistry. Jay H. BECKSTEAD 131 Evidence to Suggest that the Human Fetal Spleen Is Not a Hematopoietic Organ. BARBARA C. WOLF, EDUARDO LUEVANO, AND RICHARD S. NEMAN A Inmunohistochemical Study of Hemoglobin A, Hemoglobin F, Muramidase, and Transferrin in Erythroid Hyperplasia and Neoplasia. MARCO FORN, PAUL R. MEYER, NORMAN B. LEVY, ROBERT J. LUKES, AND CLIVE R. TAYLOR 145 Potential Errors in the Laboratory Diagnosis of Paroxysmal Nocturnal Hemoglobinuria. RICHARD C. HARRUF AND ROBERT J. ROIN A, COLE THIES, KRISTIN A, WEIGLE, AND LINDA L. MINNICH 150 Cardiac Isoenzyme Methodology and the Diagnosis of Acute Myocardial Infarction. Daniel L. SECKINGER, D. ANTONIO VAZQUEZ, PIYLLIS K. ROSENTHIAL, AND ROLANDO C. MENDIZABAL Correlation of Standardized Serum Protein Determinations with Calculated and Measured Colloid Obmotic Pressure. RICHARD E. MULTIS, ALEXANDROS A. PAPPSA, AND RICHARD H. CORPELITORY EVALUATION OF THE STANDARD C. MENDIZABAL CORPELITORY EVALUATION OF THE STANDARD C. MENDIZABAL Correlation of Standardized Serum Protein Determinations with Calculated and Measured Colloid Obmotic Pressure. RICHARD E. MULTIS, ALEXANDROS A. PAPPSA, AND RICHARD H. C BARTLETT Cefuroxime, Cefamandole, Cefoxitin, and Cephalothin In Vitro Susceptibility Tests: Reassessment of the "Class Representative" Concept, Confirmation of Disk Interpretive Criteria, and Proposed Quality Control Guidelines. ARTHUR L. BARRY, RONALD J., JONES, AND CLYDE THONNSBERRY OF THE Pathology Residency Review Process. ROBERT H. SEBRING 197 The Pathology Residency Review Process. ROBERT H. SEBRING 197 The Pathology Residency Review Process. ROBERT H. SEBRING 197 The Pathology Residency Review Process. ROBERT H. SEBRING 197 T	One Man's Rate is Another Man's Ratio. S. RAYMOND GAMBINO AND ROBERT S. GALEN	127
The Authors' Reply, MYRON S. COHEN, DENNIS W. ROSS, AND JAMES E. PEACOCK, JR. 129 Editor's Note 129 Editor's Note 129 Editor's Note 129 Erratum 129 News and Notices 130 Number 2, August 1983 The Evaluation of Human Lymph Nodes, Using Plastic Sections and Enzyme Histochemistry. Jay H. BECKSTEAD 131 Evidence to Suggest that the Human Fetal Spleen Is Not a Hematopoietic Organ. BARBARA C. WOLF, EDUARDO LUEVANO, AND RICHARD S. NEMAN 140 An Immunohistochemical Study of Hemoglobin A. Hemoglobin F, Muramidase, and Transferrin in Erythroid Hyperplasia and Neoplasia. MARCO FORNI, PAUL R. MEYER, NORMAN B. LEVY, ROBERT J. LUKES, AND CLIVE R. TAYLOR 145 Potential Errors in the Laboratory Diagnosis of Paroxysmal Nocturnal Hemoglobinuria. Richardo C. HARRUF AND ROBERT J. ROHN A. COLE THIES, KEBSTIN A. WEGLE, AND LINDA L. MINNICH 152 Age-related Changes in Mitogen-induced Lymphocyte Function from Birth to Old Age. MARV JANE HICKS, JAMES F. JONES, A. COLE THIES, KEBSTIN A. WEGLE, AND LINDA L. MINNICH 159 Cardiac Isoenzyme Methodology and the Diagnosis of Acute Myocardial Infarction. DANIEL I. SECKINGER, D. ANTONIO VAZQUEZ PIYILLI K. ROSENTHAL, AND ROLANDO C. MENDZABAL C. PIYILLIS K. ROSENTHAL, AND ROLANDO C. MENDZABAL C. COLE THIES, ROBERT D. AND COLORIDA C. MENDZABAL C. COLE THIES, SECKINGER, D. ANTONIO C. BARTLETT C. COLORIDA C. MINDOLANDO C. BARTLETT C. COLORIDA C. C. COLORIDA C. MENDERADA C. C. COLORIDA C. MENDERADA C. C. COLORIDA C. C. COLORIDA C. C. C. C. COLORIDA C.	The Authors' Reply. E. ARTHUR ROBERTSON AND MARK H. ZWEIG	128
The Authors' Reply, MYRON S. COHEN, DENNIS W. ROSS, AND JAMES E. PEACOCK, JR. 129 Editor's Note 129 Editor's Note 129 Editor's Note 129 Erratum 129 News and Notices 130 Number 2, August 1983 The Evaluation of Human Lymph Nodes, Using Plastic Sections and Enzyme Histochemistry. Jay H. BECKSTEAD 131 Evidence to Suggest that the Human Fetal Spleen Is Not a Hematopoietic Organ. BARBARA C. WOLF, EDUARDO LUEVANO, AND RICHARD S. NEMAN 140 An Immunohistochemical Study of Hemoglobin A. Hemoglobin F, Muramidase, and Transferrin in Erythroid Hyperplasia and Neoplasia. MARCO FORNI, PAUL R. MEYER, NORMAN B. LEVY, ROBERT J. LUKES, AND CLIVE R. TAYLOR 145 Potential Errors in the Laboratory Diagnosis of Paroxysmal Nocturnal Hemoglobinuria. Richardo C. HARRUF AND ROBERT J. ROHN A. COLE THIES, KEBSTIN A. WEGLE, AND LINDA L. MINNICH 152 Age-related Changes in Mitogen-induced Lymphocyte Function from Birth to Old Age. MARV JANE HICKS, JAMES F. JONES, A. COLE THIES, KEBSTIN A. WEGLE, AND LINDA L. MINNICH 159 Cardiac Isoenzyme Methodology and the Diagnosis of Acute Myocardial Infarction. DANIEL I. SECKINGER, D. ANTONIO VAZQUEZ PIYILLI K. ROSENTHAL, AND ROLANDO C. MENDZABAL C. PIYILLIS K. ROSENTHAL, AND ROLANDO C. MENDZABAL C. COLE THIES, ROBERT D. AND COLORIDA C. MENDZABAL C. COLE THIES, SECKINGER, D. ANTONIO C. BARTLETT C. COLORIDA C. MINDOLANDO C. BARTLETT C. COLORIDA C. C. COLORIDA C. MENDERADA C. C. COLORIDA C. MENDERADA C. C. COLORIDA C. C. COLORIDA C. C. C. C. COLORIDA C.	Editor's Note (with thanks to Robert Sappenfield)	128
The Authors' Reply. MYRON S. COHEN, DENNIS W. ROSS, AND JAMES E. PEACOCK, JR. 129 Editor's Note 129 Firstum 129 News and Notices 130 Number 2, August 1983 The Evaluation of Human Lymph Nodes, Using Plastic Sections and Enzyme Histochemistry. Jay H. BECKSTEAD 131 Evidence to Suggest that the Human Fetal Spleen Is Not a Hematopoietic Organ. BARBARA C. WOLF, EDUARDO LUEVANO, AND RICHARD S. NEIMAN 140 An Immunohistochemical Study of Hemoglobin A, Hemoglobin F, Muramidase, and Transferrin in Erythroid Hyperplasia and Neoplasia. MARCO FORN, PAUL R. MEYER, NORMAN B. LEVY, ROBERT J. LUKES, AND CLIVE R. TAYLOR 145 Potential Errors in the Laboratory Diagnosis of Parosymal Noctural Hemoglobinaria. RICHARD C. HARRUFF AND ROBERT J. ROBERT J. ROBERT J. LUKES, AND CLIVE R. TAYLOR 152 Age-related Changes in Mitogen-induced Lymphocyte Function from Birth to Old Age. MARV JANE HICKS, JAMES F. JONES, A. COLE THEIS, KRISTIN A. WEIGLE, AND LINDA L. MINNICH 152 Cardiac Isocaryme Methodology and the Diagnosis of Acute Myocardial Infarction. Daniel L. SECKINGER, D. ANTONIO VAZQUEZ, PHYLLIS K. ROSENTHAL, AND ROLANDO C. MENDIZABAL 164 Correlation of Standardized Scrum Protein Determinations with Calculated and Measured Colloid Osmotic Pressure. RICHARD E. MULLINS, ALEXANDROS A. PAPPAS, AND RICHARD H. GARDEDN 170 Laboratory Evaluation of the Scrum Dibution Test in Serious Staphylococcal Infection. MARIO J. MARCON AND RAYMOND C. BARTLETT 167 Cefurosime, Cefamandole, Cefoxitin, and Cephalothin In Vitro Susceptibility Tests. Reassessment of the "Class Representative" Concept, Confirmation of Disk Interpretive Criteria, and Proposed Quality Control Guidelines. ARTHUR L. BARRY, RONALD N. JONES, AND CLYDE THORNSEERRY 182 MORALD N. JONES, AND CLYDE THORNSEERRY 183 MORALD N. JONES, AND CLYDE THORNSEERRY 183 MORALD N. JONES,	***************************************	128
Editor's Note		
Number 2, August 1983 The Evaluation of Human Lymph Nodes, Using Plastic Sections and Enzyme Histochemistry. JAY H. BECKSTEAD		
Number 2, August 1983 The Evaluation of Human Lymph Nodes, Using Plastic Sections and Enzyme Histochemistry. JAY H. BECKSTEAD		
Number 2, August 1983 The Evaluation of Human Lymph Nodes, Using Plastic Sections and Enzyme Histochemistry, Jay H. BECKSTEAD 131 Evidence to Suggest that the Human Fetal Spleen Is Not a Hematopoietic Organ. BARBARA C. WOLF, EDUARDO LUEVANO, AND RICHARD S. NEIMAN An Immunohistochemical Study of Hemoglobin A, Hemoglobin F, Muramidase, and Transferrin in Erythroid Hyperplasia and Neoplasia. MARCO FORNI, PAUL R. MEYER, NORMAN B. LEVY, ROBERT J. LUES, AND CLIVE R. TAYLOR 145 Potential Errors in the Laboratory Diagnosis of Paroxysmal Nocturnal Hemoglobinuria. RICHARD C. HARUFF AND ROBERT J. ROHN A. COLE THES, KRISTIN A. WEIGLE, AND LINDA L. MINNICH Cardiac Isoensyme Methodology and the Diagnosis of Acute Myocardial Infarction. DANIEL L. SECKINGER, D. ANTONIO VAZQUEZ, PHYLLIS K. ROSENTHAL, AND ROLANDO C. MENDIZABAI. Correlation of Standardized Serum Protein Determinations with Calculated and Measured Colloid Osmotic Pressure. RICHARD E. MULLINS, ALEXANDROS A. PAPPAS, AND RICHARD H. GADSDEN E. MULLINS, ALEXANDROS A. PAPPAS, AND RICHARD H. GADSDEN C. BARTLETT Cefurosime, Cefamandole, Cefoxitin, and Cephalothin In Vitro Susceptibility Tests: Reassessment of the "Class Representative" Concept, Confirmation of Disk. Interpretive Criteria, and Proposed Quality Control Guidelines. ARTHUR R. BARRY, RONALD N. JONES, AND CLYDE THORNSBERRY Workload, Space, and Personnel of Hematology Laboratories in Teaching Hospitals. RONALD J. ELIN, E. ARTHUR ROBERTSON, AND GERANE SEVER Workload, Space, and Personnel of Hematology Specimens Immersed in Saline: A Light and Electron Microscopic Study. TSUNOSHI INOSHITA AND GEORGE A. YOUNGBERG Selective IgA Deficiency in Blood Donors. JERROLD A. CLARK, PATRICIA A. CALLICOAT, NANCY A. BRENNER, CHARLES A. BRADLEY, AND DENNIS M. SMITH, JR. 210 Evaluation of Calcium Alginate-tipped Aluminum Swabs Transported in Culturettes* Containing Ampules of 2-Sucrose Phosphate Medium for Recovery of Chlamydia trachomatis. THOMAS F. SMITH AND LYLE A. WEED 213 Case Reports: A Cytochemical an		
The Evaluation of Human Lymph Nodes, Using Plastic Sections and Enzyme Histochemistry. JAY H. BECKSTEAD	News and Notices	130
Evidence to Suggest that the Human Fetal Spleen Is Not a Hematopoictic Organ. BARBARA C. WOLF, EDUARDO LUEVANO, AND RICHARD S. NEIMAN An Immunohistochemical Study of Hemoglobin A, Hemoglobin F, Muramidase, and Transferrin in Erythroid Hyperplasia and Neoplasia. MARCO FORNI, PAUL R. MEYER, NORMAN B. LEVY, ROBERT J. LUKES, AND CLIVE R. TAYLOR 145 Potential Errors in the Laboratory Diagnosis of Paroxysmal Nocturnal Hemoglobinuria. RICHARD C. HARRUFF AND ROBERT J. ROHN 157 Age-related Changes in Mitogen-induced Lymphocyte Function from Birth to Old Age. MARY JANE HICKS, JAMES F. JONES, A. COLE THIES, KRISTIN A. WEIGLE, AND LINDA L. MINNICH Cardiac Isoenzyme Methodology and the Diagnosis of Acute Myocardial Infarction. DANIEL L. SECKINGER, D. ANTONIO VAZQUEZ, PHYLLIS K. ROSENTHAL, AND ROLANDO C. MENDIZABAL. Correlation of Standardized Serum Protein Determinations with Calculated and Measured Colloid Osmotic Pressure. RICHARD E. MULLINS, ALEXANDROS A. PAPPAS, AND RICHARD H. GADSDEN 170 Laboratory Evaluation of the Serum Dilution Test in Serious Staphylococcal Infection. MARIO J. MARCON AND RAYMOND C. BARTLETT Cefuroxime, Cefamandole, Cefoxitin, and Cephalothin In Vitro Susceptibility Tests: Reassessment of the "Class Representative" Concept, Confirmation of Disk Interpretive Criteria, and Proposed Quality Control Guidelines. ARTHUR L. BARRY, RONALD N. JONES, AND CLYDE THORNSBERRY Workload, Space, and Personnel of Hematology Laboratories in Teaching Hospitals. RONALD J. ELIN, E. ARTHUR ROBERTSON, AND GERANE SEVER 190 The Pathology Residency Review Process. ROBERT H. SEBRING 197 Brief Scientific Reports: Artifactual Hydropic Degeneration in Skin Biopsy Specimens Immersed in Saline: A Light and Electron Microscopic Study. TSUYOSHI NOSHITA AND GEORGE A. YOUNGBERG Selective IgA Deficiency in Blood Donors JERROLD A. CLARK, PATRICIA A. CALLICOAT, NANCY A. BRENNER, CHARLES A. BRADLEY, AND DENNIS M. SMITH, JR. 210 Evaluation of Calcium Algianat-tipped Aluminum Swabs Transported in Culturettes* Containing A	Number 2, August 1983	
AND RICHARD S. NEIMAN An Immunohistochemical Study of Hemoglobin A, Hemoglobin F, Muramidase, and Transferrin in Erythroid Hyperplasia and Neoplasia. MARCO FORNI, PAUL R. MEYER, NORMAN B. LEVY, ROBERT J. LUKES, AND CLIVE R. TAYLOR 145 Potential Errors in the Laboratory Diagnosis of Paroxysmal Nocturnal Hemoglobinuria. RICHARD C. HARRUFF AND ROBERT J. ROHN Age-related Changes in Mitogen-induced Lymphocyte Function from Birth to Old Age. MARY JANE HICKS, JAMES F. JONES, A. COLE THIES, KRISTIN A. WEIGLE, AND LINDA L. MINNICH 152 Age-related Changes in Mitogen-induced Lymphocyte Function from Birth to Old Age. MARY JANE HICKS, JAMES F. JONES, A. COLE THIES, KRISTIN A. WEIGLE, AND LINDA L. MINNICH 154 Cardiac Isoenzyme Methodology and the Diagnosis of Acute Myocardial Infarction. DANIEL L. SECKINGER, D. ANTONIO VAZQUEZ, PHYLLIS K. ROSENTHAL, AND ROLANDO C. MENDIZABAL 154 Correlation of Standardized Serum Protein Determinations with Calculated and Measured Colloid Osmotic Pressure. RICHARD L. BULLINS, ALEXANDROS A. PAPPAS, AND RICHARD H. GADSDEN 155 Laboratory Evaluation of the Serum Dilution Test in Serious Staphylococcal Infection. MARIO J. MARCON AND RAYMOND C. BARTLETT 156 Cefuroxime, Cefamandole, Cefoxitin, and Cephalothin In Vitro Susceptibility Tests: Reassessment of the "Class Representative" Concept, Confirmation of Disk Interpretive Criteria, and Proposed Quality Control Guidelines. ARTHUR L. BARRY, RONALD N. JONES, AND CLYDE THORNSERRY Workload, Space, and Personnel of Hematology Laboratories in Teaching Hospitals. RONALD J. ELIN, E. ARTHUR ROBERTSON, AND GERANE SEVER 157 The Pathology Residency Review Process. ROBERT H. SEBRING 158 159 159 150 151 152 Laboratory Evaluation of Disk Interpretive Criteria, and Proposed Quality Control Guidelines. ARTHUR L. BARRY, RONALD J. ELIN, E. ARTHUR ROBERTSON, AND GERANE SEVER 157 158 159 159 159 167 170 170 170 170 170 170 170	The Evaluation of Human Lymph Nodes, Using Plastic Sections and Enzyme Histochemistry. JAY H. BECKSTEAD	131
AND RICHARD S. NEIMAN An Immunohistochemical Study of Hemoglobin A, Hemoglobin F, Muramidase, and Transferrin in Erythroid Hyperplasia and Neoplasia. MARCO FORNI, PAUL R. MEYER, NORMAN B. LEVY, ROBERT J. LUKES, AND CLIVE R. TAYLOR 145 Potential Errors in the Laboratory Diagnosis of Paroxysmal Nocturnal Hemoglobinuria. RICHARD C. HARRUFF AND ROBERT J. ROHN Age-related Changes in Mitogen-induced Lymphocyte Function from Birth to Old Age. MARY JANE HICKS, JAMES F. JONES, A. COLE THIES, KRISTIN A. WEIGLE, AND LINDA L. MINNICH 152 Age-related Changes in Mitogen-induced Lymphocyte Function from Birth to Old Age. MARY JANE HICKS, JAMES F. JONES, A. COLE THIES, KRISTIN A. WEIGLE, AND LINDA L. MINNICH 154 Cardiac Isoenzyme Methodology and the Diagnosis of Acute Myocardial Infarction. DANIEL L. SECKINGER, D. ANTONIO VAZQUEZ, PHYLLIS K. ROSENTHAL, AND ROLANDO C. MENDIZABAL 154 Correlation of Standardized Serum Protein Determinations with Calculated and Measured Colloid Osmotic Pressure. RICHARD L. BULLINS, ALEXANDROS A. PAPPAS, AND RICHARD H. GADSDEN 155 Laboratory Evaluation of the Serum Dilution Test in Serious Staphylococcal Infection. MARIO J. MARCON AND RAYMOND C. BARTLETT 156 Cefuroxime, Cefamandole, Cefoxitin, and Cephalothin In Vitro Susceptibility Tests: Reassessment of the "Class Representative" Concept, Confirmation of Disk Interpretive Criteria, and Proposed Quality Control Guidelines. ARTHUR L. BARRY, RONALD N. JONES, AND CLYDE THORNSERRY Workload, Space, and Personnel of Hematology Laboratories in Teaching Hospitals. RONALD J. ELIN, E. ARTHUR ROBERTSON, AND GERANE SEVER 157 The Pathology Residency Review Process. ROBERT H. SEBRING 158 159 159 150 151 152 Laboratory Evaluation of Disk Interpretive Criteria, and Proposed Quality Control Guidelines. ARTHUR L. BARRY, RONALD J. ELIN, E. ARTHUR ROBERTSON, AND GERANE SEVER 157 158 159 159 159 167 170 170 170 170 170 170 170		
and Neoplasia. MARCO FORNI, PAUL R. MEYER, NORMAN B. LEVY, ROBERT J. LUKES, AND CLIVE R. TAYLOR 145 Potential Errors in the Laboratory Diagnosis of Paroxysmal Nocturnal Hemoglobinuria. RICHARD C. HARRUF AND ROBERT J. ROHN 152 Age-related Changes in Mitogen-induced Lymphocyte Function from Birth to Old Age. MARY JANE HICKS, JAMES F. JONES, A. COLE THIES, KRISTIN A. WEIGLE, AND LINDA L. MINNICH 159 Cardiac Isoenzyme Methodology and the Diagnosis of Acute Myocardial Infarction. DANIEL I. SECKINGER, D. ANTONIO VAZQUEZ, PHYLLIS K. ROSENTHAL, AND ROLANDO C. MENDIZABAL 164 Correlation of Standardized Serum Protein Determinations with Calculated and Measured Colloid Osmotic Pressure. RICHARD E. MULIUS, ALEXANDROS A. PAPRA, AND RICHARD H. GADSDEN 170 Laboratory Evaluation of the Serum Dilution Test in Serious Staphylococcal Infection. MARIO J. MARCON AND RAYMOND C. BARTLETT CEMPART M. GADSDEN 170 Celuroxime, Cefamandole, Cefoxitin, and Cephalothin In Vitro Susceptibility Tests Reassessment of the "Class Representative" Concept, Confirmation of Disk Interpretive Criteria, and Proposed Quality Control Guidelines. ARTHUR L. BARRY, RONALD N. JONES, AND CLYDE THORNSBERRY 182 Workload, Space, and Personnel of Hematology Laboratories in Teaching Hospitals. RONALD J. ELIN, E. ARTHUR ROBERTSON, AND GERANE SEVER 197 Brief Scientific Reports: Artifactual Hydropic Degeneration in Skin Biopsy Specimens Immersed in Saline: A Light and Electron Microscopic Study. TSUYOSHI INOSHITA AND GEORGE A. YOUNGBERG 206 Selective IgA Deficiency in Blood Donors. JERROLD A. CLARK, PATRICIA A. CALLICOAT, NANCY A. BRENNER, CHARLES A. BRADLEY, AND DENNIS M. SMITH, JR. 210 Evaluation of Calcium Alginate-tipped Aluminum Swabs Transported in Culturettes* Containing Ampules of 2-Sucrose Phosphate Medium for Recovery of Chlamydia trachomalis. THOMAS F. SMITH AND LYLE A. WEED 213 Case Reports: A. CALLICOAT, NANCY A. BRENNER, CHARLES A. BRADLEY, AND DENNIS M. SMITH, JR. 210 Evaluation of Calcium Alginate-tipped Aluminum Swabs Transported in Culturettes*		140
J. ROHN Age-related Changes in Mitogen-induced Lymphocyte Function from Birth to Old Age. MARY JANE HICKS, JAMES F. JONES, A. COLE THIES, KRISTIN A. WEIGLE, AND LINDA L. MINNICH 159 Cardiac Isoenzyme Methodology and the Diagnosis of Acute Myocardial Infarction. DANIEL L. SECKINGER, D. ANTONIO VAZQUEZ, PHYLLIS K. ROSENTHAL, AND ROLANDO C. MENDIZARAL Correlation of Standardized Serum Protein Determinations with Calculated and Measured Colloid Osmotic Pressure. RICHARD E. MULLINS, ALEXANDROS A. PAPPAS, AND RICHARD H. GADSDEN Laboratory Evaluation of the Serum Dilution Test in Serious Staphylococcal Infection. MARIO J. MARCON AND RAYMOND C. BARTLETT Cefuroxime, Cefamandole, Cefoxitin, and Cephalothin In Vitro Susceptibility Tests: Reassessment of the "Class Representative" Concept, Confirmation of Disk Interpretive Criteria, and Proposed Quality Control Guidelines. ARTHUR L. BARRY, RONALD J. JONES, AND CLYDE THORNSBERRY Workload, Space, and Personnel of Hematology Laboratories in Teaching Hospitals. RONALD J. ELIN, E. ARTHUR ROBERTSON, AND GERANE SEVER 190 The Pathology Residency Review Process. ROBERT H. SEBRING 197 Brief Scientific Reports: Artifactual Hydropic Degeneration in Skin Biopsy Specimens Immersed in Saline: A Light and Electron Microscopic Study. TSUYOSHI INOSHITA AND GEORGE A. YOUNGBERG Selective IgA Deficiency in Blood Donors. JERROLD A. CLARK, PATRICIA A. CALLICOAT, NANCY A. BRENNER, CHARLES A. BRADLEY, AND DENNIS M. SMITH, JR. 210 Evaluation of Calcium Alginate-tipped Aluminum Swabs Transported in Culturettes* Containing Ampules of 2-Sucrose Phosphate Medium for Recovery of Chlamydia trachomatis. THOMAS F. SMITH AND LYLE A. WEED 213 Case Reports: A Cytochemical and Ultrastructural Study of Acute Myelomonocytic Leukemia Exhibiting the Pseudo-Chediak-Higashi Anomaly of Leukemia and "Splinter-type" Auer Rods. CLAIRE M. PAYNE AND EDWARD J. HARROW 216 Nature of Intracytoplasmic Crystalline Inclusions in Myeloma Cells (Morphologic, Cytochemical, Ultrastructural, and Immunofluorescent		145
Age-related Changes in Mitogen-induced Lymphocyte Function from Birth to Old Age. MARY JANE HICKS, JAMES F. JONES, A. COLE THIES, KRISTIN A. WEIGLE, AND LINDA L. MINNICH 159 Cardiac Isoenzyme Methodology and the Diagnosis of Acute Myocardial Infarction. DANIEL L. SECKINGER, D. ANTONIO VAZQUEZ, PHYLLIS K. ROSENTHAL, AND ROLANDO C. MENDIZARAL 164 Correlation of Standardized Serum Protein Determinations with Calculated and Measured Colloid Osmotic Pressure. RICHARD E. MULLINS, ALEXANDROS A. PAPPAS, AND RICHARD H. GADSDEN Laboratory Evaluation of the Serum Dilution Test in Serious Staphylococcal Infection. MARIO J. MARCON AND RAYMOND C. BARTLETT Cefuroxime, Cefamandole, Cefoxitin, and Cephalothin In Vitro Susceptibility Tests: Reassessment of the "Class Representative" Concept, Confirmation of Disk Interpretive Criteria, and Proposed Quality Control Guidelines. ARTHUR L. BARRY, RONALD N. JONES, AND CLYDE THORNSBERRY Workload, Space, and Personnel of Hematology Laboratories in Teaching Hospitals. RONALD J. ELIN, E. ARTHUR ROBERTSON, AND GERANE SEVER 190 The Pathology Residency Review Process. ROBERT H. SEBRING 197 Brief Scientific Reports: Artifactual Hydropic Degeneration in Skin Biopsy Specimens Immersed in Saline: A Light and Electron Microscopic Study. TSUYOSHI INOSHITA AND GEORGE A. YOUNGBERG Selective IgA Deficiency in Blood Donors. JERROLD A. CLARK, PATRICIA A. CALLICOAT, NANCY A. BRENNER, CHARLES A. BRADLEY, AND DENNIS M. SMITH, Jr. 210 Evaluation of Calcium Algianae-tipped Aluminum Swabs Transported in Culturettes* Containing Ampules of 2-Sucrose Phosphate Medium for Recovery of Chlamydia trachomatis. THOMAS F. SMITH AND LYLE A. WEED 213 Case Reports: A Cytochemical and Ultrastructural Study of Acute Myelomonocytic Leukemia Exhibiting the Pseudo-Chediak-Higashi Anomaly of Leukemia and "Splinter-type" Auer Rods. CLAIRE M. PAYNE AND EDWARD J. HARROW 216 Nature of Intracytoplasmic Crystalline Inclusions in Myeloma Cells (Morphologic, Cytochemical, Ultrastructural, and Immunofluorescent Stud		152
A. COLE THIES, KRISTIN A. WEIGLE, AND LINDA L. MINNICH Cardiac Isoenzyme Methodology and the Diagnosis of Acute Myocardial Infarction. DANIEL L. SECKINGER, D. ANTONIO VAZQUEZ, PHYLLIS K. ROSENTHAL, AND ROLANDO C. MENDIZABAL Correlation of Standardized Serum Protein Determinations with Calculated and Measured Colloid Osmotic Pressure. RICHARD E. MULLINS, ALEXANDROS A. PAPPAS, AND RICHARD H. GADSDEN Laboratory Evaluation of the Serum Dilution Test in Serious Staphylococcal Infection. MARIO J. MARCON AND RAYMOND C. BARTLETT Cefuroxime, Cefamandole, Cefoxitin, and Cephalothin In Vitro Susceptibility Tests: Reassessment of the "Class Representative" Concept, Confirmation of Disk Interpretive Criteria, and Proposed Quality Control Guidelines. ARTHUR L. BARRY, RONALD N. JONES, AND CLYDE THORNSBERRY Workload, Space, and Personnel of Hematology Laboratories in Teaching Hospitals. RONALD J. ELIN, E. ARTHUR ROBERTSON, AND GERANE SEVER 190 The Pathology Residency Review Process. ROBERT H. SEBRING 197 Brief Scientific Reports: Artifactual Hydropic Degeneration in Skin Biopsy Specimens Immersed in Saline: A Light and Electron Microscopic Study. TSUYOSHI INOSHITA AND GEORGE A. YOUNGBERG 206 Selective IgA Deficiency in Blood Donors. JERROLD A. CLARK, PATRICIA A. CALLICOAT, NANCY A. BRENNER, CHARLES A. BRADLEY, AND DENNIS M. SMITH, JR. 210 Evaluation of Calcium Alginate-tipped Aluminum Swabs Transported in Culturettes* Containing Ampules of 2-Sucrose Phosphate Medium for Recovery of Chlamydia trachomatis. THOMAS F. SMITH AND LYLE A. WEED 313 Case Reports: A Cytochemical and Ultrastructural Study of Acute Myelomonocytic Leukemia Exhibiting the Pseudo-Chediak-Higashi Anomaly of Leukemia and "Splinter-type" Auer Rods. CLAIRE M. PAYNE AND EDWARD J. HARROW 216 Nature of Intracytoplasmic Crystalline Inclusions in Myeloma Cells (Morphologic, Cytochemical, Ultrastructural, and Immunofluorescent Studies). SUNDARA B. K. RAMAN AND ELLIS J. VAN SLYCK Kaposi's Sarcoma in Lymph Nodes Concurrent with Hodgkin's Disease. Ant		
Cardiac Isoenzyme Methodology and the Diagnosis of Acute Myocardial Infarction. DANIEL L. SECKINGER, D. ANTONIO VAZQUEZ, PHYLLIS K. ROSENTHAL, AND ROLANDO C. MENDIZABAL [64] Correlation of Standardized Serum Protein Determinations with Calculated and Measured Colloid Osmotic Pressure. RICHARD E. MULLINS, ALEXANDROS A. PAPPAS, AND RICHARD H. GADSDEN [76] Laboratory Evaluation of the Serum Dilution Test in Serious Staphylococcal Infection. MARIO J. MARCON AND RAYMOND C. BARTLETT [77] Cefuroxime, Cefamandole, Cefoxitin, and Cephalothin In Vitro Susceptibility Tests: Reassessment of the "Class Representative" Concept, Confirmation of Disk Interpretive Criteria, and Proposed Quality Control Guidelines. ARTHUR L. BARRY, RONALD N. JONES, AND CLYDE THORNSBERRY [78] Morkload, Space, and Personnel of Hematology Laboratories in Teaching Hospitals. RONALD J. ELIN, E. ARTHUR ROBERTSON, AND GERANE SEVER [79] The Pathology Residency Review Process. ROBERT H. SEBRING [70] Brief Scientific Reports: Artifactual Hydropic Degeneration in Skin Biopsy Specimens Immersed in Saline: A Light and Electron Microscopic Study. TSUYOSHI INOSHITA AND GEORGE A. YOUNGBERG [70] Selective IgA Deficiency in Blood Donors. JERROLD A. CLARK, PATRICIA A. CALLICOAT, NANCY A. BRENNER, CHARLES A. BRADLEY, AND DENNIS M. SMITH, JR. [71] Evaluation of Calcium Alginate-tipped Aluminum Swabs Transported in Culturettes* Containing Ampules of 2-Sucrose Phosphate Medium for Recovery of Chilamydia trachomatis. THOMAS F. SMITH AND LYLE A. WEED [72] Case Reports: A Cytochemical and Ultrastructural Study of Acute Myelomonocytic Leukemia Exhibiting the Pseudo-Chediak-Higashi Anomaly of Leukemia and "Splinter-type" Auer Rods. CLAIRE M. PAYNE AND EDWARD J. HARROW [73] Alture of Intracytoplasmic Crystalline Inclusions in Myeloma Cells (Morphologic, Cytochemical, Ultrastructural, and Immunofluorescent Studies). SUNDARA B. K. RAMAN AND ELIS J. VAN SLYCK 224 Kaposi's Sarcoma in Lymph Nodes Concurrent with Hodgkin's Disease: Ultrastructural and Cyto		159
Correlation of Standardized Serum Protein Determinations with Calculated and Measured Colloid Osmotic Pressure. RICHARD E. MULLINS, ALEXANDROS A. PAPPAS, AND RICHARD H. GADSDEN 170 Laboratory Evaluation of the Serum Dilution Test in Serious Staphylococcal Infection. MARIO J. MARCON AND RAYMOND C. BARTLETT 176 Cefuroxime, Cefamandole, Cefoxitin, and Cephalothin In Vitro Susceptibility Tests: Reassessment of the "Class Representative" Concept, Confirmation of Disk Interpretive Criteria, and Proposed Quality Control Guidelines. ARTHUR L. BARRY, RONALD N. JONES, AND CLYDE THORNSBERRY 182 Workload, Space, and Personnel of Hematology Laboratories in Teaching Hospitals. RONALD J. ELIN, E. ARTHUR ROBERTSON, AND GERANE SEVER 190 The Pathology Residency Review Process. ROBERT H. SEBRING 197 Brief Scientific Reports: Artifactual Hydropic Degeneration in Skin Biopsy Specimens Immersed in Saline: A Light and Electron Microscopic Study. TSUVOSHI INOSHITA AND GEORGE A. YOUNGBERG 206 Selective IgA Deficiency in Blood Donors. JERROLD A. CLARK, PATRICIA A. CALLICOAT, NANCY A. BRENNER, CHARLES A. BRADLEY, AND DENNIS M. SMITH, JR. 210 Evaluation of Calcium Alginate-tipped Aluminum Swabs Transported in Culturettes* Containing Ampules of 2-Sucrose Phosphate Medium for Recovery of Chlamydia trachomatis. THOMAS F. SMITH AND LYLE A. WEED 213 Case Reports: A Cytochemical and Ultrastructural Study of Acute Myelomonocytic Leukemia Exhibiting the Pseudo-Chediak-Higashi Anomaly of Leukemia and "Splinter-type" Auer Rods. CLAIRE M. PAYNE AND EDWARD J. HARROW 216 Nature of Intracytoplasmic Crystalline Inclusions in Myeloma Cells (Morphologic, Cytochemical, Ultrastructural, and Immunofluorescent Studies). SUNDARA B. K. RAMAN AND ELILIS J. VAN SLYCK 224 Kaposi's Sarcoma in Lymph Nodes Concurrent with Hodgkin's Disease: Ultrastructural and Cytogenetic Data in Two Cases with a Review of the Literature. JOACHIM YAHALOM, RUTH VOSS, RACHEL LEIZEROWITZ, ZVI FUKS, AND AARON POLLIACK 231 Prolymphocytic Leukemia with IgM Hypogammaglobulinemi		
E. MULLINS, ALEXANDROS A. PAPPAS, AND RICHARD H. GADSDEN Laboratory Evaluation of the Serum Dilution Test in Serious Staphylococcal Infection. MARIO J. MARCON AND RAYMOND C. BARTLETT Cefuroxime, Cefamandole, Cefoxitin, and Cephalothin In Vitro Susceptibility Tests: Reassessment of the "Class Representative" Concept, Confirmation of Disk Interpretive Criteria, and Proposed Quality Control Guidelines. ARTHUR L. BARRY, RONALD N. JONES, AND CLYDE THORNSBERRY 82 Workload, Space, and Personnel of Hematology Laboratories in Teaching Hospitals. RONALD J. ELIN, E. ARTHUR ROBERTSON, AND GERANE SEVER 190 The Pathology Residency Review Process. ROBERT H. SEBRING 197 Brief Scientific Reports: Artifactual Hydropic Degeneration in Skin Biopsy Specimens Immersed in Saline: A Light and Electron Microscopic Study. TSUVOSHI INOSHITA AND GEORGE A. YOUNGBERG Selective Iga Deficiency in Blood Donors. JERROLD A. CLARK, PATRICIA A. CALLICOAT, NANCY A. BRENNER, CHARLES A. BRADLEY, AND DENNIS M. SMITH, JR. 210 Evaluation of Calcium Alginate-tipped Aluminum Swabs Transported in Culturettes® Containing Ampules of 2-Sucrose Phosphate Medium for Recovery of Chlamydia trachomatis. THOMAS F. SMITH AND LYLE A. WEED 213 Case Reports: A Cytochemical and Ultrastructural Study of Acute Myelomonocytic Leukemia Exhibiting the Pseudo-Chediak-Higashi Anomaly of Leukemia and "Splinter-type" Auer Rods. CLAIRE M. PAYNE AND EDWARD J. HARROW 216 Nature of Intracytoplasmic Crystalline Inclusions in Myeloma Cells (Morphologic, Cytochemical, Ultrastructural, and Immunofluorescent Studies). SUNDARA B. K. RAMAN AND ELILIS J. VAN SLYCK 224 Kaposi's Sarcoma in Lymph Nodes Concurrent with Hodgkin's Disease: Ultrastructural and Cytogenetic Data in Two Cases with a Review of the Literature. JOACHIM YAHALOM, RUTH VOSS, RACHEL LEIZEROWITZ, ZVI FUKS, AND AARON POLLIACK 231 Prolymphocytic Leukemia Following Treatment of Hodgkin's Disease: Ultrastructural and Cytogenetic Data in Two Cases with a Review of the Literature as a Presenting Feature of A	VAZQUEZ, PHYLLIS K. ROSENTHAL, AND ROLANDO C. MENDIZABAL	164
C. BARTLETT Cefuroxime, Cefamandole, Cefoxitin, and Cephalothin In Vitro Susceptibility Tests: Reassessment of the "Class Representative" Concept, Confirmation of Disk Interpretive Criteria, and Proposed Quality Control Guidelines. ARTHUR L. BARRY, RONALD N. JONES, AND CLYDE THORNSBERRY Workload, Space, and Personnel of Hematology Laboratories in Teaching Hospitals. RONALD J. ELIN, E. ARTHUR ROBERTSON, AND GERANE SEVER 190 The Pathology Residency Review Process. ROBERT H. SEBRING 197 Brief Scientific Reports: Artifactual Hydropic Degeneration in Skin Biopsy Specimens Immersed in Saline: A Light and Electron Microscopic Study. TSUYOSHI INOSHITA AND GEORGE A. YOUNGBERG 206 Selective IgA Deficiency in Blood Donors. JERROLD A. CLARK, PATRICIA A. CALLICOAT, NANCY A. BRENNER, CHARLES A. BRADLEY, AND DENNIS M. SMITH, Jr. 210 Evaluation of Calcium Alginate-tipped Aluminum Swabs Transported in Culturettes* Containing Ampules of 2-Sucrose Phosphate Medium for Recovery of Chlamydia trachomatis. THOMAS F. SMITH AND LYLE A. WEED 213 Case Reports: A Cytochemical and Ultrastructural Study of Acute Myelomonocytic Leukemia Exhibiting the Pseudo-Chediak-Higashi Anomaly of Leukemia and "Splinter-type" Auer Rods. CLAIRE M. PAYNE AND EDWARD J. HARROW 216 Nature of Intracytoplasmic Crystalline Inclusions in Myeloma Cells (Morphologic, Cytochemical, Ultrastructural, and Immunofluorescent Studies), SUNDARA B. K. RAMAN AND ELILS J. VAN SLYCK 224 Kaposi's Sarcoma in Lymph Nodes Concurrent with Hodgkin's Disease. ANTONINO CARBONE AND RACHELE VOLPE 228 Secondary Leukemia Following Treatment of Hodgkin's Disease: Ultrastructural and Cytogenetic Data in Two Cases with a Review of the Literature. JOACHIM YAHALOM, RUTH VOSS, RACHEL LEIZEROWITZ, ZVI FUKS, AND AARON POLILIACK 231 Prolymphocytic Leukemia with IgM Hypogammaglobulinemia. TORU TAKENAKA, HIROKAZU NAKAMINE, TORU NISHIHARA, TADAKI TSUDA, MASATO TSUJIMOTO, AND JIRO MAEDA Central Nervous System Involvement as a Presenting Feature of Acute Monocytic Leukemia: Prece		170
Cefuroxime, Cefamandole, Cefoxitin, and Cephalothin In Vitro Susceptibility Tests: Reassessment of the "Class Representative" Concept, Confirmation of Disk Interpretive Criteria, and Proposed Quality Control Guidelines. ARTHUR L. BARRY, RONALD N. JONES, AND CLYDE THORNSBERRY 182 Workload, Space, and Personnel of Hematology Laboratories in Teaching Hospitals. RONALD J. ELIN, E. ARTHUR ROBERTSON, AND GERANE SEVER 190 The Pathology Residency Review Process. ROBERT H. SEBRING 197 Brief Scientific Reports: Artifactual Hydropic Degeneration in Skin Biopsy Specimens Immersed in Saline: A Light and Electron Microscopic Study. TSUYOSHI INOSHITA AND GEORGE A. YOUNGBERG 206 Selective IgA Deficiency in Blood Donors. JERROLD A. CLARK, PATRICIA A. CALLICOAT, NANCY A. BRENNER, CHARLES A. BRADLEY, AND DENNIS M. SMITH, JR. 210 Evaluation of Calcium Alginate-tipped Aluminum Swabs Transported in Culturettes® Containing Ampules of 2-Sucrose Phosphate Medium for Recovery of Chlamydia trachomatis. THOMAS F. SMITH AND LYLE A. WEED 213 Case Reports: A Cytochemical and Ultrastructural Study of Acute Myelomonocytic Leukemia Exhibiting the Pseudo-Chediak-Higashi Anomaly of Leukemia and "Splinter-type" Auer Rods. CLAIRE M. PAYNE AND EDWARD J. HARROW 216 Nature of Intracytoplasmic Crystalline Inclusions in Myeloma Cells (Morphologic, Cytochemical, Ultrastructural, and Immunofluorescent Studies). SUNDARA B. K. RAMAN AND ELILS J. VAN SLYCK 224 Kaposi's Sarcoma in Lymph Nodes Concurrent with Hodgkin's Disease. ANTONINO CARBONE AND RACHELE VOLPE 228 Secondary Leukemia Following Treatment of Hodgkin's Disease: Ultrastructural and Cytogenetic Data in Two Cases with a Review of the Literature. JOACHIM YAHALOM, RUTH VOSS, RACHEL LEIZEROWITZ, ZVI FUKS, AND AARON POLILACK 231 Prolymphocytic Leukemia with IgM Hypogammaglobulinemia. TORU TAKENAKA, HIROKAZU NAKAMINE, TORU NISHIHARA, TADAAKI TSUDA, MASATO TSUJIMOTO, AND JIRO MAEDA 237 Central Nervous System Involvement as a Presenting Feature of Acute Monocytic Leukemia: Preceding Leukemia		176
Workload, Space, and Personnel of Hematology Laboratories in Teaching Hospitals. Ronald J. Elin, E. Arthur Robertson, AND Gerane Sever 190 The Pathology Residency Review Process. Robert H. Sebring 197 Brief Scientific Reports: Artifactual Hydropic Degeneration in Skin Biopsy Specimens Immersed in Saline: A Light and Electron Microscopic Study. Tsuyoshi Inoshitta And George A. Youngberg 206 Selective Iga Deficiency in Blood Donors. Jerrold A. Clark, Patricia A. Callicoat, Nancy A. Brenner, Charles A. Bradley, and Dennis M. Smith, Jr. 210 Evaluation of Calcium Alginate-tipped Aluminum Swabs Transported in Culturettes* Containing Ampules of 2-Sucrose Phosphate Medium for Recovery of Chlamydia trachomatis. Thomas F. Smith and Lyle A. Weed 213 Case Reports: A Cytochemical and Ultrastructural Study of Acute Myelomonocytic Leukemia Exhibiting the Pseudo-Chediak-Higashi Anomaly of Leukemia and "Splinter-type" Auer Rods. Claire M. Payne and Edward J. Harrow 216 Nature of Intracytoplasmic Crystalline Inclusions in Myeloma Cells (Morphologic, Cytochemical, Ultrastructural, and Immunofluorescent Studies). Sundara B. K. Raman and Ellis J. Van Slyck 224 Kaposi's Sarcoma in Lymph Nodes Concurrent with Hodgkin's Disease: Ultrastructural and Cytogenetic Data in Two Cases with a Review of the Literature. Joachim Yahalom, Ruth Voss, Rachel Leizerowitz, Zvi Fuks, and Aaron Polliack 231 Prolymphocytic Leukemia with IgM Hypogammaglobulinemia. Toru Takenaka, Hirokazu Nakamine, Toru Nishihara, Tadaki Tsuda, Masato Tsulmoto, and Jiro Maeda 237 Central Nervous System Involvement as a Presenting Feature of Acute Monocytic Leukemia: Preceding Leukemia by 12 Months. James E. Hamous, Linda E. Ansbacher, James O. Armitage, and Fred R. Dick 242	Cefuroxime, Cefamandole, Cefoxitin, and Cephalothin In Vitro Susceptibility Tests: Reassessment of the "Class Representative" Concept, Confirmation of Disk Interpretive Criteria, and Proposed Quality Control Guidelines. ARTHUR L. BARRY,	
AND GERANE SEVER		
Brief Scientific Reports: Artifactual Hydropic Degeneration in Skin Biopsy Specimens Immersed in Saline: A Light and Electron Microscopic Study. TSUYOSHI INOSHITA AND GEORGE A. YOUNGBERG		
Artifactual Hydropic Degeneration in Skin Biopsy Specimens Immersed in Saline: A Light and Electron Microscopic Study. TSUYOSHI INOSHITA AND GEORGE A. YOUNGBERG	The Pathology Residency Review Process. ROBERT H. SEBRING	197
Artifactual Hydropic Degeneration in Skin Biopsy Specimens Immersed in Saline: A Light and Electron Microscopic Study. TSUYOSHI INOSHITA AND GEORGE A. YOUNGBERG	Brief Scientific Deposits	
Selective IgA Deficiency in Blood Donors. JERROLD A. CLARK, PATRICIA A. CALLICOAT, NANCY A. BRENNER, CHARLES A. BRADLEY, AND DENNIS M. SMITH, JR. 210 Evaluation of Calcium Alginate-tipped Aluminum Swabs Transported in Culturettes® Containing Ampules of 2-Sucrose Phosphate Medium for Recovery of Chlamydia trachomatis. THOMAS F. SMITH AND LYLE A. WEED 213 Case Reports: A Cytochemical and Ultrastructural Study of Acute Myelomonocytic Leukemia Exhibiting the Pseudo-Chediak-Higashi Anomaly of Leukemia and "Splinter-type" Auer Rods. CLAIRE M. PAYNE AND EDWARD J. HARROW 216 Nature of Intracytoplasmic Crystalline Inclusions in Myeloma Cells (Morphologic, Cytochemical, Ultrastructural, and Immunofluorescent Studies). SUNDARA B. K. RAMAN AND ELLIS J. VAN SLYCK 224 Kaposi's Sarcoma in Lymph Nodes Concurrent with Hodgkin's Disease. ANTONINO CARBONE AND RACHELE VOLPE 228 Secondary Leukemia Following Treatment of Hodgkin's Disease: Ultrastructural and Cytogenetic Data in Two Cases with a Review of the Literature. JOACHIM YAHALOM, RUTH VOSS, RACHEL LEIZEROWITZ, ZVI FUKS, AND AARON POLLIACK 231 Prolymphocytic Leukemia with IgM Hypogammaglobulinemia. TORU TAKENAKA, HIROKAZU NAKAMINE, TORU NISHIHARA, TADAAKI TSUDA, MASATO TSUJIMOTO, AND JIRO MAEDA 237 Central Nervous System Involvement as a Presenting Feature of Acute Monocytic Leukemia: Preceding Leukemia by 12 Months. James E. Hamous, Linda E. Ansbacher, James O. Armitage, and Fred R. Dick 242		
Selective IgA Deficiency in Blood Donors. JERROLD A. CLARK, PATRICIA A. CALLICOAT, NANCY A. BRENNER, CHARLES A. BRADLEY, AND DENNIS M. SMITH, JR. 210 Evaluation of Calcium Alginate-tipped Aluminum Swabs Transported in Culturettes® Containing Ampules of 2-Sucrose Phosphate Medium for Recovery of Chlamydia trachomatis. THOMAS F. SMITH AND LYLE A. WEED . 213 Case Reports: A Cytochemical and Ultrastructural Study of Acute Myelomonocytic Leukemia Exhibiting the Pseudo-Chediak-Higashi Anomaly of Leukemia and "Splinter-type" Auer Rods. CLAIRE M. PAYNE AND EDWARD J. HARROW . 216 Nature of Intracytoplasmic Crystalline Inclusions in Myeloma Cells (Morphologic, Cytochemical, Ultrastructural, and Immunofluorescent Studies). SUNDARA B. K. RAMAN AND ELLIS J. VAN SLYCK . 224 Kaposi's Sarcoma in Lymph Nodes Concurrent with Hodgkin's Disease. ANTONINO CARBONE AND RACHELE VOLPE . 228 Secondary Leukemia Following Treatment of Hodgkin's Disease: Ultrastructural and Cytogenetic Data in Two Cases with a Review of the Literature. JOACHIM YAHALOM, RUTH VOSS, RACHEL LEIZEROWITZ, ZVI FUKS, AND AARON POLLIACK . 231 Prolymphocytic Leukemia with IgM Hypogammaglobulinemia. TORU TAKENAKA, HIROKAZU NAKAMINE, TORU NISHIHARA, TADAAKI TSUDA, MASATO TSUJIMOTO, AND JIRO MAEDA . 237 Central Nervous System Involvement as a Presenting Feature of Acute Monocytic Leukemia: Preceding Leukemia by 12 Months. James E. HAMOUS, LINDA E. ANSBACHER, JAMES O. ARMITAGE, AND FRED R. DICK . 242		
BRADLEY, AND DENNIS M. SMITH, JR. 210 Evaluation of Calcium Alginate-tipped Aluminum Swabs Transported in Culturettes* Containing Ampules of 2-Sucrose Phosphate Medium for Recovery of Chlamydia trachomatis. THOMAS F. SMITH AND LYLE A. WEED . 213 Case Reports: A Cytochemical and Ultrastructural Study of Acute Myelomonocytic Leukemia Exhibiting the Pseudo-Chediak-Higashi Anomaly of Leukemia and "Splinter-type" Auer Rods. CLAIRE M. PAYNE AND EDWARD J. HARROW . 216 Nature of Intracytoplasmic Crystalline Inclusions in Myeloma Cells (Morphologic, Cytochemical, Ultrastructural, and Immunofluorescent Studies). SUNDARA B. K. RAMAN AND ELLIS J. VAN SLYCK . 224 Kaposi's Sarcoma in Lymph Nodes Concurrent with Hodgkin's Disease. ANTONINO CARBONE AND RACHELE VOLPE . 228 Secondary Leukemia Following Treatment of Hodgkin's Disease: Ultrastructural and Cytogenetic Data in Two Cases with a Review of the Literature. JOACHIM YAHALOM, RUTH VOSS, RACHEL LEIZEROWITZ, ZVI FUKS, AND AARON POLLIACK 231 Prolymphocytic Leukemia with IgM Hypogammaglobulinemia. TORU TAKENAKA, HIROKAZU NAKAMINE, TORU NISHIHARA, TADAAKI TSUDA, MASATO TSUJIMOTO, AND JIRO MAEDA . 237 Central Nervous System Involvement as a Presenting Feature of Acute Monocytic Leukemia: Preceding Leukemia by 12 Months. James E. Hamous, Linda E. Ansbacher, James O. Armitage, and Fred R. Dick . 242		
Evaluation of Calcium Alginate-tipped Aluminum Swabs Transported in Culturettes® Containing Ampules of 2-Sucrose Phosphate Medium for Recovery of Chlamydia trachomatis. THOMAS F. SMITH AND LYLE A. WEED		
Case Reports: A Cytochemical and Ultrastructural Study of Acute Myelomonocytic Leukemia Exhibiting the Pseudo-Chediak-Higashi Anomaly of Leukemia and "Splinter-type" Auer Rods. CLAIRE M. PAYNE AND EDWARD J. HARROW	Evaluation of Calcium Alginate-tipped Aluminum Swabs Transported in Culturettes® Containing Ampules of 2-Sucrose	
A Cytochemical and Ultrastructural Study of Acute Myelomonocytic Leukemia Exhibiting the Pseudo-Chediak-Higashi Anomaly of Leukemia and "Splinter-type" Auer Rods. CLAIRE M. PAYNE AND EDWARD J. HARROW		213
of Leukemia and "Splinter-type" Auer Rods. Claire M. Payne and Edward J. Harrow 216 Nature of Intracytoplasmic Crystalline Inclusions in Myeloma Cells (Morphologic, Cytochemical, Ultrastructural, and Immunofluorescent Studies). SUNDARA B. K. RAMAN AND ELLIS J. VAN SLYCK 224 Kaposi's Sarcoma in Lymph Nodes Concurrent with Hodgkin's Disease. Antonino Carbone and Rachele Volpe 228 Secondary Leukemia Following Treatment of Hodgkin's Disease: Ultrastructural and Cytogenetic Data in Two Cases with a Review of the Literature. Joachim Yahalom, Ruth Voss, Rachel Leizerowitz, Zvi Fuks, and Aaron Polliack 231 Prolymphocytic Leukemia with IgM Hypogammaglobulinemia. Toru Takenaka, Hirokazu Nakamine, Toru Nishihara, Tadaaki Tsuda, Masato Tsujimoto, and Jiro Maeda 237 Central Nervous System Involvement as a Presenting Feature of Acute Monocytic Leukemia: Preceding Leukemia by 12 Months. James E. Hamous, Linda E. Ansbacher, James O. Armitage, and Fred R. Dick 242		
munofluorescent Studies). SUNDARA B. K. RAMAN AND ELLIS J. VAN SLYCK 224 Kaposi's Sarcoma in Lymph Nodes Concurrent with Hodgkin's Disease. ANTONINO CARBONE AND RACHELE VOLPE 228 Secondary Leukemia Following Treatment of Hodgkin's Disease: Ultrastructural and Cytogenetic Data in Two Cases with a Review of the Literature. JOACHIM YAHALOM, RUTH VOSS, RACHEL LEIZEROWITZ, ZVI FUKS, AND AARON POLLIACK 231 Prolymphocytic Leukemia with IgM Hypogammaglobulinemia. TORU TAKENAKA, HIROKAZU NAKAMINE, TORU NISHIHARA, TADAAKI TSUDA, MASATO TSUJIMOTO, AND JIRO MAEDA 237 Central Nervous System Involvement as a Presenting Feature of Acute Monocytic Leukemia: Preceding Leukemia by 12 Months. JAMES E. HAMOUS, LINDA E. ANSBACHER, JAMES O. ARMITAGE, AND FRED R. DICK 242	of Leukemia and "Splinter-type" Auer Rods. CLAIRE M. PAYNE AND EDWARD J. HARROW	216
Kaposi's Sarcoma in Lymph Nodes Concurrent with Hodgkin's Disease. Antonino Carbone and Rachele Volpe		
Review of the Literature. JOACHIM YAHALOM, RUTH VOSS, RACHEL LEIZEROWITZ, ZVI FUKS, AND AARON POLLIACK Prolymphocytic Leukemia with IgM Hypogammaglobulinemia. TORU TAKENAKA, HIROKAZU NAKAMINE, TORU NISHIHARA, TADAAKI TSUDA, MASATO TSUJIMOTO, AND JIRO MAEDA Central Nervous System Involvement as a Presenting Feature of Acute Monocytic Leukemia: Preceding Leukemia by 12 Months. JAMES E. HAMOUS, LINDA E. ANSBACHER, JAMES O. ARMITAGE, AND FRED R. DICK 231 232		
TADAAKI TSUDA, MASATO TSUJIMOTO, AND JIRO MAEDA		
Central Nervous System Involvement as a Presenting Feature of Acute Monocytic Leukemia: Preceding Leukemia by 12 Months. James E. Hamous, Linda E. Ansbacher, James O. Armitage, and Fred R. Dick	Prolymphocytic Leukemia with IgM Hypogammaglobulinemia. TORU TAKENAKA, HIROKAZU NAKAMINE, TORU NISHIHARA,	
	Central Nervous System Involvement as a Presenting Feature of Acute Monocytic Leukemia: Preceding Leukemia by 12	

Prepubertal Gynecomastia with Lobules and Acini: A Case Report and Review of the Literature. Helmut Haibach and Mitchell J. Rosenholtz	252
Identification of a Toxoplasma Cyst by Fine-needle Aspiration. J. CRAIG ARGYLE, G. BERRY SCHUMANN, CARL P. KJELDSBERG, AND JOHN W. ATHENS	256
Minutes of the Meeting of the Members of the American Society of Clinical Pathologists at the Annual Business Meeting, Sunday, October 17, 1982—Miami Beach, Florida	259
Editorial:	
Editorial Series: Disease, Medical Research, and the American Journal of Clinical Pathology. MYRTON F. BEELER AND ROBERT W. SAPPENFIELD	269
	209
Letters to the Editor.	
Creatine Kinase in Biochemical Test Panels. ANGELO BURLINA, PAOLO RIZZOTTI, AND MARIO PLEBANI	271
Authors' Reply. EDWARD C. KLATT AND EDWARD T. WONG	272
More on Cutaneous Lymphomas. Isao Katayama, Masaki Shimizu, Shigeo Ikeda, and Makoto Honma	272
Authors' Reply. CHIN-YANG LI, W. P. DANIEL SU, AND JAYASHREE KRISHNAN Usefulness of Counterimmunoelectrophoresis for Detecting Toxin of Clostridium difficile. RAYMOND W. RYAN	
Authors' Reply. Michael Sands and Margaret Yungbluth	
Authors' Reply, Terry Kurzynski, George S. Cembrowski, and Judith L. Kimball	
Warthin-Starry for Legionella. Derrick J. Pounder	
Erratum	
Number 3, September 1983	
Alpha-I-Antitrypsin in Islet Cell Tumors of the Pancreas. Nelson G. Ordonez, John T. Manning, Jr., and Genarina Hanssen	277
IgA Subclasses in Liver Tissues in Alcoholic Liver Disease. MARTIN A. SWERDLOW AND LOKENDRA N. CHOWDHURY	283
Serum Concentrations of Allergen-specific IgG Antibodies in Inhalant Allergy: Effect of Specific Immunotherapy. MAJID ALI, M. P. RAMANARAYANAN, DONALD J. NALEBUFF, RICHARD G. FADAL, AND JAMES W. WILLOUGHBY	290
Reactive Lymphoid Hyperplasia with Single Class (Monoclonal) Surface Immunoglobulin. NORMAN LEVY, JANICE NELSON, PAUL MEYER, ROBERT J. LUKES, AND JOHN W. PARKER	300
Immunodiffusion Assay of C1 Inhibitor Function in Serum: Prospective Analysis in Angioedema-Urticaria. MARY YELVINGTON, LARRY J. PROGRAIS, JR., CHRISTOPHER J. PIZZO, AND JOHN G. CURD	309
Immunocytochemical Characterization of Human Blood Cells. Lung T. Yam, Mary C. English, Anthony J. Janckila, Steve Ziesmer, and Chin-Yang Li	314
Improved Classification of Anemias by MCV and RDW. J. DAVID BESSMAN, P. RIDGWAY GILMER, JR., AND FRANK H.	
GARDNER	322
The Role of Anticoagulation in the Measurement of Platelet Volumes. CRAIG B. THOMPSON, DENNIS D. DIAZ, PATRICK G.	227
QUINN, MAUA LAPINS, SANFORD R. KURTZ, AND C. ROBERT VALERI	327
Evaluation of the Accuracy of the Diff3/50 with a Cell by Cell Comparison. GEORGE S. CEMBROWSKI, MARJORIE K. WILSON, SANDRA G. ADELMEYER, AND CHEN-KANG CHANG	333
Physicochemical Studies on Leukocyte Alkaline Phosphatase. NAOKI UEDA	342
Hyaline Casts in the Urine: Mechanism of Formation and Morphologic Transformations. LUTHER E. LINDNER AND MERYL	
H. HABER	347
Identification and Composition of Types of Granular Urinary Casts. LUTHER E. LINDNER, DANTE VACCA, AND MERYL H.	
HABER	
Auer Rods in Refractory Anemia with Excess of Blasts: Presence and Significance. DANIEL SEIGNEURIN AND BRUNO AUDHUY	
Marrow Biopsy and Survival in Multiple Myeloma. LOTFY A. MAHMOUD, MATTHEW H. BLOCK, J. J. FRANKS, AND NAZIK M. SAYED	363
The Assessment of Laboratory Tests in the Diagnosis of Acute Appendicitis. Anthony Marchand, Frederick Van Lente, and Robert S. Galen	369
Brief Scientific Reports:	
The Storage Stability of 3-Hydroxybutyrate in Serum, Plasma, and Whole Blood. EDWARD M. CUSTER, JERRY L. MYERS,	
PHILLIP L. POFFENBARGER, AND IRWIN SCHOEN	375
Frequency of Entamoeha Gingivalis in Human Gingival Scrapings, ANH H. DAO, D. PAUL ROBINSON, AND SONG W. WONG	380

Inability of Counterimmunoelectrophoresis to Detect Echovirus in Cerebrospinal Fluid. Kenneth Bromberg, Peter R. Shank, Stephen H. Zinner, and Georges Peter	383
Bacterial Meningitis: Effect of Antibiotic Treatment on Cerebrospinal Fluid. SHRAGA BLAZER, MOSHE BERANT, AND URI	303
	386
A Rapid Diagnosis of Campylobacter Enteritis by Direct Smear Examination. Choong H. Park, Deborah L. Hixon, Ann S. Polhemus, Carolyn B. Ferguson, Sandra L. Hall, Cecilia C. Risheim, and C. Barrie Cook	388
Case Reports:	
T8 Chronic Lymphocytic Leukemia: A Distinctive Disorder Related to T8 Lymphocytosis. Jane U. Brisbane, Leonard D. Berman, Michael E. Osband, and Richard S. Neiman	391
T Helper-suppressor Cell Imbalance in Pyoderma Gangrenosum, with Relapsing Polychondritis and Corneal Keratolysis. IRENE J. CHECK, ERIC P. ELLINGTON, ADELE MORELAND, AND MARILYNNE MCKAY	396
Spontaneous Disappearance of an Atypical Hürthle Cell Adenoma. ARTHUR BAUMAN AND H. T. G. STRAWBRIDGE	399
Diagnosis of Chordoma by Cytologic Examination of Cerebrospinal Fluid. M. A. MARIGIL, F. J. PARDO-MINDAN, AND MARIA JOLY	402
Pseudomonas aeruginosa Infection with Marrow Suppression Simulating Acute Promyelocytic Leukemia. GARY R. LANHAM, GARY V. DAHL, FREDERIC T. BILLINGS III, AND SANFORD A. STASS	404
Disseminated Aspergillus ustus Infection Following Cardiac Surgery. LAWRENCE M. WEISS AND WILLIAM A. THIEMKE	408
Letters to the Editor:	
Confirming Myeloid Differentiation. RICHARD A. SAVAGE, ANDREW J. FISHLEDER, AND RAYMOND R. TUBBS	412
Human Alternative Pathway Assay, V. D. RAMANATHAN	412
Verification of Original Sources. A. G. GORDON	413
Editor's Note	413
News and Notices	414
Number 4, October 1983	
Utility of Monoclonal Antibodies Directed Against B and T Lymphocytes and Monocytes in Paraffin-embedded Sections. Su-Ming Hsu, Hua-zhong Zhang, and Elaine S. Jaffe	415
Hairy Cell Leukemia: A B Cell Neoplasm with a Unique Antigenic Phenotype. SU-MING HSU, KAN YANG, AND ELAINE S.	
JAFFE A Comparison of ABC, Unlabeled Antibody and Conjugated Immunohistochemical Methods with Monoclonal and Polyclonal Antibodies—An Examination of Germinal Center of Tonsils. SU-MING HSU, JEFFREY COSSMAN, AND ELAINE S. JAFFE	421
The Detection of Serotonin and Gastrin in Gastric Carcinoma. DAO-NIAN LEI AND JULES M. ELIAS	436
Transmission Electron Microscopy and Serial Sections for Light Microscopy from the Same Block in Routine Renal Pathology.	430
ERNESTO O. HOFFMANN, HERMAN B. GARRETT II, JOAN R. COOVER, AND TERESA R. FLORES	441
A Solid Phase C1q Enzyme Assay for Circulating Immune Complexes Adapted for Routine Clinical Laboratory Testing. KAREN JAMES, ANNE VAHEY, MARK ROBINSON, AND ROBERT MARDER	445
Erythrocyte Age-fractionation Using a Percoll TM -Renografin® Density Gradient: Application to Autologous Red Cell Antigen Determinations in Recently Transfused Patients. DONALD R. BRANCH, ANITA L. SY SIOK HIAN, FUMIKO CARLSON,	
WILLIAM C. MASLOW, AND LAWRENCE D. PETZ The Behavior of Antithrombin III, Alpha ₂ Macroglobulin and Alpha ₁ Antitrypsin during Cardiopulmonary Bypass. NANCY	453
J. PICKERING, JEROME I. BRODY, GORDON B. FINK, JAMES O. FINNEGAN, AND SARIEL ABLAZA Antithrombin III and Plasminogen: A Comparison of Two Synthetic Substrate-based Methods. RALPH K. ITO AND BERNARD	459
E. STATLAND	465
Assay of Factor XII Clotting Activity in Heparinized Plasma. BERNHARD LÄMMLE, TRI H. TRAN, AND FRANCOIS DUCKERT	474
Effects of Fluosol-DA (Artificial Blood) on Clinical Chemistry Tests and Instruments. RICHARD E. MULLINS, POLLY S. HUTTON, AND REX B. CONN	478
Definition of Clinically Relevant Lactic Acidosis in Patients with Internal Diseases. DIETER LUFT, GUNTRAM DEICHSEL, REINHOLD-M. SCHMÜLLING, WOLFGANG STEIN, AND MANFRED EGGSTEIN	484
Dual Isotope Schilling Test for Measuring Absorption of Food-bound and Free Vitamin B ₁₂ Simultaneously. Alfred Doscherholmen, Stephen Silvis, and Jean McMahon	490
Brief Scientific Reports:	
Subareolar Abscess of the Breast: Diagnosis by Fine-needle Aspiration. LARRY I. GALBLUM AND YOLANDA C. OERTEL	496
Serum Marker of Type III Procollagen in Patients with Idiopathic Hemochromatosis and Its Relationship to Hepatic Fibrosis. MASSIMO COLOMBO, GIORGIO ANNONI, MARIA F. DONATO, SILVIA FARGION, CLAUDIO TIRIBELLI, AND NICOLA DIO-	100

Case Reports:	
Collagenous Colitis. Luis A. Guarda, Robert S. Nelson, John R. Stroehlein, Josef K. Korinek, and A. Kevin Raymond	503
Pulmonary Mucormycosis as a Complication of Chronic Salicylate Poisoning. CARMEN G. ESPINOZA AND DEMETRIOS G. HALKIAS	508
A Case of Familial Mediterranean Fever with Cutaneous Vasculitis and Immune Complex Nephritis: Light, Electron, and Immunofluorescent Study of Renal Biopsy. Menahem Schlesinger, Juri Kopolovic, Reuven J. Viskoper, and	
NOEMI RON	511
Coccidioidal Peritonitis. KARL T. K. CHEN Omental Anisakiasis: A Rare Mimic of Acute Appendicitis. ALAN M. RUSHOVICH, EILEEN L. RANDALL, JOSEPH A. CAPRINI, AND GRANT O. WESTENFELDER	514
Progressive Massive Fibrosis of the Lung Secondary to Intravenous Injection of Talc. A Pathologic and Mineralogic Analysis. ED CROUCH AND ANDREW CHURG	520
Lambda Light Chain Predominance as a Sign of Emerging Lymphoma. MICHAEL BRAY AND MELVIN G. ALPER	526
Diffuse Histocytosis of the Spleen and Idiopathic Thrombocytopenic Purpura (ITP): Histochemical and Ultrastructural Studies. ABRAHAM LASSER	
Medullary Carcinoma Arising in a Thyroid with Hashimoto's Disease. LAWRENCE M. WEISS, DAVID S. WEINBERG, AND MICHAEL J. WARHOL	
Paravaginal Wolffian Duct (Mesonephros) Adenocarcinoma: A Light and Electron Microscopic Study. WILLIAM W. HINCHEY, ELVIO G. SILVA, LUIS A. GUARDA, NELSON G. ORDONEZ, AND J. TAYLOR WHARTON	
Letters to the Editor:	
The Authors' Reply. Preston Stein, Stephen Peiper, Debra Butler, Susan Melvin, Dorothy Williams, and Sanford Stass	
Need for Uniformity of Technics and Definitions: Monocytic Differentiation in Secondary Acute Nonlymphocytic Leukemia. RICHARD A. SAVAGE	
The Authors' Reply. James W. Vardiman, Ana Coelho, Harvey M. Golomb, and Janet Rowley	546
Lymphoma versus AIDS. JAY H. MEAD AND THOMAS E. MASON	546
The Authors' Reply. Luis A. Guarda and James J. Butler	
Choosing Appropriate Reference Ranges for Sensitivity and Specificity Studies. LINDA P. GIERING	
More on MCVs and Hyper- and Hyponatremia. WILLIAM BEAUTYMAN AND TERRY BILLS	
More on Relatives, Ratios, Fractions, and Rates. H. PETER LEHMANN	
Erratum	549
News and Notices	550
Number 4 (S), Supplement to October 1983	
Introduction to the Report on the Quality Assurance Programs of the College of American Pathologists, 1983. JOHN G. BATSAKIS AND NOEL S. LAWSON	
CAP Blood Gas Survey—1981 and 1982. MASASHI ITANO	554
Stability of Mean Assay Values of Magnesium and Iron in Lyophilized Quality Control Serum: A Study Based on Data from the Quality Assurance Service (QAS) of the College of American Pathologists. THOMAS V. DISILVIO, NOEL S. LAWSON,	
GUY T. HAVEN, AND BRYCE F. GILMORE The Advanced Urine Chemistry Survey. GUY C. GLENN	
Interlaboratory Survey of Enzyme Analyses: V. A Simplified Method of Reporting Participants' Data. JOHN A. LOTT, BRYCE F. GILMORE, AND CHARLES G. MASSION	
The Comprehensive Blood Bank Survey of the College of American Pathologists—1981. RICHARD H. WALKER, DONALD J. KUBAN, HERBERT F. POLESKY, AND LUDOLPH H. VAN DER HOEVEN	-
Radioimmunoassay and Enzyme Immunoassay Methods for Detecting Viral Hepatitis Markers. MARGARET R. HANSON AND HERBERT F. POLESKY	
Evaluation of Assays for the Detection of Antibodies to Rubella. A Report Based on Data from the College of American Pathologists Surveys of 1982. LAURENCE P. SKENDZEL, KENNETH R. WILCOX, AND DANIEL C. EDSON	
Results of Tests for Rheumatoid Factor on CAP Survey Specimens. JOHN H. RIPPEY AND JAMES L. BIESECKER	
Quality Control of Agar Diffusion Susceptibility Tests: Data from the Quality Assurance Service Microbiology Program of the College of American Pathologists. ROBERT C. KNOWLES AND BRYCE GILMORE Special Topics in Antimicrobial Susceptibility Testings Test Assurance Assists Methicillis president Strandylescopy, guyang	603
Special Topics in Antimicrobial Susceptibility Testing: Test Accuracy Against Methicillin-resistant Staphylococcus aureus, Pneumococci, and the Sensitivity of β-Lactamase Methods. Ronald N. Jones, Daniel C. Edson, and the CAP Micropiol Gay Resource Communities.	

3

11

Source of Analytic Variation in Ligand Assay: A Study Based on Data from the 1976 and 1981 Basic Ligand Assay Surveys of the College of American Pathologists. GUY T. HAVEN, DANIEL W. THOLEN, AND DWIGHT K. OXLEY	615
Contemporary Quality Control Practices for Antimicrobial Susceptibility Tests: A Report from the Microbiology Portion of the College of American Pathologists (CAP) Surveys Program. RONALD N. JONES, DANIEL C. EDSON, BRYCE F. GILMORE, AND THE CAP MICROBIOLOGY RESOURCE COMMITTEE	622
Evidence for Hyperglycemic Osmotic Matrix Effects on the Comprehensive Hematology Survey 1981-1982. RICHARD A.	626
SAVAGE Factor Assay (VIII and IX) Results in the College of American Pathologists Survey Program (1980–1982). ROBERT L. CHRIS-	
TENSEN AND DOUGLAS A. TRIPLETT Analytical Biases with Liquid Quality Control Material. Peter J. Howanitz, Joan H. Howanitz, Harold V. Lamberson, David Tiersten, and Herbert Lansky	643
Number 5, November 1983	
Lymphadenopathy in a Heterogeneous Population at Risk for the Acquired Immunodeficiency Syndrome (AIDS)—A Morphologic Study, JAVIER DOMINGO AND NENA W. CHIN	649
Terminal Deoxynucleotidyl Transferase in Non-Hodgkin's Lymphoma. RITA M. BRAZIEL, THEODORE KENEKLIS, JEROME A. DONLON, SU-MING HSU, JEFFREY COSSMAN, F. J. BOLLUM, AND ELAINE S. JAFFE	655
Immunohistochemical Characterization of Reactive and Neoplastic Mast Cells. MARCO FORNI, EDWARD C. KLATT, SETH T. SHAW, JR., CLIVE R. TAYLOR, ROBERT J. LUKES, AND PAUL R. MEYER	
Evaluation of Cerebrospinal Fluid Mononuclear Cells Obtained from Children with Acute Lymphocytic Leukemia: Advantages of Combining Cytomorphology and Terminal Deoxynucleotidyl Transferase. JAMES T. CASPER, STEPHEN J. LAUER, PHYLLIS A. KIRCHNER, JEROME L. GOTTSCHALL, AND BRUCE M. CAMITTA	
Keratin and Carcinoembryonic Antigen in Exfoliated Mesothelial and Malignant Cells: An Immunoperoxidase Study. ANN E. WALTS, JONATHAN W. SAID, AND SUSAN BANKS-SCHLEGEL	
Immunoreactivity of Paraffin-embedded Normal Tissues and Mesenchymal Tumors for Smooth Muscle Myosin. LUDVIK DONNER, P. DE LANEROLLE, AND JOSE COSTA	
Clinical Assessment of the Electrophoretic Separation of Alkaline Phosphatase Isoenzymes. GIFFORD LUM, PAUL CATROU, GERALD LIUZZA, AND MOHAN KOKATNUR	
Evaluation of the Abbott TDx TM for the Stat Measurement of Phenobarbital, Phenytoin, Carbamazepine, and Theophylline. KARL F. LOOMIS AND ROGER M. FRYE	
Improved Recovery of Microorganisms from Patients Receiving Antibiotics with the Antimicrobial Removal Device. Lance R. Peterson, Carol J. Shanholtzer, Mary Lou Mohn, and Dale N. Gerding	
Brief Scientific Reports:	
False Assignment of Familial Antithrombin III Deficiency with the Von Kaulla Assay. Thomas M. Cosgriff, Edward J. Hershgold, Barbara A. Martin, and Kathleen S. Carlson	
The Blood Counts and Lactate Dehydrogenase Levels in Thrombotic Thrombocytopenic Purpura (TTP). JAMES P. CROWLEY, JACLYN B. METZGER, AND RONALD A. L'EUROPA	
Sensitivity of Commercial Agglutination and Counterimmunoelectrophoresis Methods for the Detection of Haemophilus influenzae Type B Capsular Polysaccharide. THOMAS P. MCGRAW AND DAVID A. BRUCKNER	
Evaluation of the Bactec® Resin Blood-culture Medium. Calvin L. Strand, Alice Hickman, Jerri K. Bryant, and Kim Sutton	
Statistical Approach to Antigen Screening. ROBERT M. KENNEY	
Case Reports:	
An Atypical Subcutaneous Infection Associated with Acquired Immune Deficiency Syndrome. MARK H. STOLER, THOMAS A. BONFIGLIO, ROY T. STEIGBIGEL, AND MARK PEREIRA	
Rectal Syphilis Mimicking Histocytic Lymphoma. Mary Rachel Faris, James J. Perry, Thomas G. Westermeier, and John Redmond III	
Intracranial Lesion Resembling Giant Lymph Node Hyperplasia. MARIE-JOSÉ LACOMBE, JACQUES POIRIER, AND JEAN-PIERRE CARON	
Disseminated Candida glabrata: Report of a Uniquely Severe Infection and a Literature Review. WILLIAM F. HICKEY, LYNN H. SOMMERVILLE, AND FREDERICK J. SCHOEN	
Disseminated Infection by Aspergillus terreus. STEVEN L. TRACY, MICHAEL R. MCGINNIS, JAMES E. PEACOCK, JR., MYRON S. COHEN, AND DAVID H. WALKER	
Mycobacterion fortuitum Infection of a Hickman Catheter Site. John R. Svirbely, William J. Buesching, Leona W. Ayers, Peter B. Baker, and Andrew J. Britton	

Incidental Coenurosis: Larval Cestode Presenting as an Axillary Mass. DANIEL F. I. KURTYCZ, BROOKE ALT, AND EBERHARD MACK	735
A Fatal Eosinophilic Process in a Laotian Refugee. MYRON S. COHEN, PAUL F. JACQUES, SHERRI D. WALL, AND DAVID H.	
WALKER	738
Serum Ferritin and Sequestered Stores of Body Iron. KODURI R. P. RAO, VERA HLAING RAY, AND ASHOK R. PATEL	743
Development of an Inhibitor Specific to Factor VIII: Coagulant Activity in a Patient with Platelet-type von Willebrand's Disease. Antonio Castella, Jonathan L. Miller, Ron W. Neuberg, Maria S. Gawryl, and Leon W. Hoyer	745
Pseudo-prolongation of the Partial Thromboplastin Time. LAURA G. SMITH AND CRAIG S. KITCHENS	750
Amyloidosis Complicating Cystic Fibrosis. MICHAEL BIBERSTEIN, PAUL WOLF, BILLY PETTROSS, DARRELL FANESTIL, AND MARTHA VASQUEZ	752
Ampullary Somatostatinoma: Psammomatous Variant of Gastrointestinal Carcinoid Tumor—An Immunohistochemical and Ultrastructural Study. Report of a Case and Review of the Literature. Manuel A. Marcial, Geraldine S. Pinkus, Arthur Skarin, H. Richard Hinrichs, and Michael J. Warhol.	755
Recurrent Endometrial Malakoplakia. JOHN J. MOLNAR AND AARON POLIAK	762
A Vascular Lesion with Smooth Muscle Differentiation Presenting as a Coin Lesion in the Lung: Glomus Tumor versus Hemangiopericytoma. BROOKE ALT, WILLIAM E. HUFFER, AND DEBORAH A. BELCHIS	765
Fatality due to Paraquat Intoxication: Confirmation by Postmortem Tissue Analysis. SANDRA E. CONRADI, LAWRENCE S. OLANOFF, AND WILLIAM T. DAWSON, JR.	771
Letters to the Editor:	
Specific Proteins Precipitated by Polyethylene Glycol during Assays for Circulating C1q Precipitable Immune Complexes.	
JAYSON HYUN	777
The Authors' Reply. Stanley S. Levinson and Janice Goldman	777
Precision—Internal and External—and its Effects on Rank. G. CAROLE E. HJELM, MICHAEL A. CRESSWELL, GORDON	770
C. A. LEWIS, AND GRAHAM J. REED	778 778
The Authors' Reply, K. Whitlow and D. J. Campbell	//0
Number 6, December 1983	
Biochemical and Morphological Studies on Human Kidneys Preserved for Transplantation. Myong Won Kahng, Anna L. TRIFILLIS, MARY HALL-CRAGGS, ANNETTE REGEC, AND BENJAMIN F. TRUMP	779
Thermostable Erythrocyte Rosettes in Chronic Renal Failure and Allograft Rejection. Prem Kumar, Stephen H. Leech, Christopher F. Bryan, Rafael S. Ducos, and Charles Marks	786
Gastric Lymphoreticular Neoplasms: An Immunologic Study of 36 Cases. SHIRIN D. VIMADALAL, JONATHAN W. SAID, AND HARRY VOYLES III	792
Expression of Terminal Deoxynucleotidyl Transferase in Malignant Myeloblasts. Kenneth F. Bradstock, John Hewson, Arna Kerr, Arnold Kabral, Choon H. Lee, and Wilbur G. Hughes	800
Comparison of Formalin- and Acetone-fixation for Immunohistochemical Detection of Carcinoembryonic Antigen (CEA) and Keratin. TOHRU KAKU, J. KENNETH EKEM, CONCHITA LINDAYEN, DENIS J. BAILEY, A. W. PETER VAN NOSTRAND,	
AND EMMANUEL FARBER	806
Quantitative Electron Microscopic Study of Membranous Glomerulopathy. ANNA R. GRAHAM AND RAY B. NAGLE	
The Value of Routine Biochemical and Surgical Pathology Quantities in Predicting Recurrence in High Risk Patients Following Surgery for Primary Breast Cancer. PER WINKEL, BERNARD E. STATLAND, HENNING MORIDSEN, OLE SHEIKE, AND THORKILD AMMITSBØL	
Reference Values for the Oral Glucose Tolerance Test at Each Trimester of Pregnancy. Jean-Claude Forest, Maria Garrido-Russo, Andre Lemay, Robert Carrier, and Jean-Louis Dube.	
Monitoring of Transcutaneous Carbon Dioxide Tension. GERALD J. KOST, JOHN L. CHOW, AND MARGARET A. KENNY	
The Detection of Platelet Antibodies Using a Modified Platelet Immunofluorescence Test. AGATHA BOISVERT AND BRUCE R. MACPHERSON	839
How Sensitive is the Papanicolaou Smear in the Diagnosis of Infections with Chlamydia trachomatis? CASIMIRO GIAMPAOLO, JANET MURPHY, SOLOMON BENES, AND WILLIAM M. MCCORMACK	844
Brief Scientific Reports:	
Basal Cell Hyperplasia of the Prostate. KAREN R. CLEARY, HONG Y. CHOI, AND ALBERTO G. AYALA	850
Distribution and Incidence of Viridans Streptococcal Species in Routine Clinical Specimens. KATHRYN L. RUOFF, JAY A. FISHMAN, STEPHEN B. CALDERWOOD, AND LAWRENCE J. KUNZ	854
Comparison of Methods for Identification of Giardia lamblia. SCOTT A. THORNTON, A. HANNA WEST, HERBERT L. DUPONT,	
AND LARRY K. PICKERING	858

3

Clinical Significance of Osmotic Matrix Errors in Automated Hematology. The Frequency of Hyperglycemic Osmotic Matrix Errors Producing Spurious Macrocytosis. RICHARD A. SAVAGE AND GEORGE C. HOFFMAN	861
Correlation Between Hematopoietic Progenitors and Erythroblasts in Cord Blood. SURAPOL ISSARAGRISIL	865
The Temperature Control System of the Cobas®-Bio Centrifugal Analyzer. W. GREG MILLER AND DARRYL R. SMITH	867
Evaluation of Ames Multistix-SG for Urine Specific Gravity versus Refractometer Specific Gravity. LAWRENCE J. ADAMS	871
Case Reports:	
Cytomegalovirus Encephalitis in Acquired Immunodeficiency Syndrome. Dean A. Hawley, John F. Schaefer, Dale M. Schulz, and Jans Muller	874
Primary Hyperparathyroidism due to an Oxyphil Cell Adenoma. FRED H. RODRIGUEZ, JR., DEBA P. SARMA, JOHN H. LUNSETH, AND JOSEPH M. GUILEYARDO	878
A Case of Peliosis Hepatis in Association with Tamoxifen Therapy. GERALD N. LOOMUS, PRAVIN ANEJA, AND ROBERT BOTA	881
Transient Neutrophil Aggregation in a Patient with Infectious Mononucleosis. SUZANNE GUIBAUD, AGNES PLUMET-LEGER, AND YVELINE FROBERT	883
Nosocomial Invasive Saksenaea vasiformis Infection. ARNOLD D. OBERLE AND ROBERT L. PENN	885
Self-Poisoning with Enteric-coated Aspirin. TAI C. KWONG, JOHN LACZIN, AND JOHN BAUM	888
Letter to the Editor:	
Discrepant AT-III and Fibrinogen Levels on the DuPont aca™ System. RODGER L. BICK	891
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	

